

ATTACKS DARWIN THEORY.

Holland Professor Electrifies Congress of Arts and Science by Denouncing Popular Idea.

Combating the theory of Darwin as to the origin of species and advancing a theory of his own which revolutionizes all ideas of biologists and physiologists, Prof. Hugo De Vries, professor of botany in the University of Amsterdam, Holland, electrified 350 members of the congress of arts and science who gathered at the meeting of the section of phylogeny in convention hall at St. Louis recently.

His address, which gave for the first time to the scientific world in detail the results of a lifetime research, roused immediate interest, and following the eminent European, Prof. Charles O. Whitman, of the University of Chicago, took instant objection to his theories. President David Starr Jordan, the most noted of the defenders of Darwinism, and biologists from all sections of the world participated in the hot debate which followed.

Prof. De Vries does not wholly discredit Darwin. On the contrary, he rather emphasizes some of the main essentials of that renowned scientist, but in such a manner that if the thought of the Hollander becomes recognized as a basic principle of evolution Darwin must necessarily be relegated to the ranks of those who for a time have occupied the stage of action.

In theoretical language the thought of Prof. De Vries is in this strain: Natural selection is only a seine and is no force of nature, no direct force of nature as has so often been asserted. Artificial selection consists of two main principles, called variety-testing and racial improvement. Species as we see them in nature fluctuate within fixed limits which are not seen to be transgressed.

Silent Wedding Party.

Every member of the wedding party being a deaf-mute, the wedding of Miss Emma Blanche Warden, of Harrisburg, Pa., and James Ladd, of Bingham Center, Potter county, was an unusual one. The ceremony was conducted at the home of the bride's parents, Mr. and Mrs. G. W. Warden. The officiating clergyman was the Rev. F. C. Smiley, also of Williamsport. The Episcopal ritual was followed, the sign language being used. The attendants were classmates of the bridal couple at the Mount Airy seminary.

CURE YOUR KIDNEYS.

When the Back Aches and Bladder Troubles Set In, Get at the Cause.

Don't make the mistake of believing backache and bladder ills to be local ailments. Get at the cause and cure the kidneys.



Use Doan's Kidney Pills, which have cured thousands.

Capt. S. D. Hunter, of Engine No. 14, Pittsburgh, Pa., Fire Department, and residing at 2739 Wylie Ave., says:

"It was three years ago that I used Doan's Kidney Pills for an attack of kidney trouble that was mostly backache, and they fixed me up fine. There is no mistake about that, and if I should ever be troubled again, I would get them first thing, as I know what they are."

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, N. Y.

On the Trail

with a Fish Brand

Pommel Slicker

"I followed the trail from Texas to Montana with a Fish Brand Slicker, used for an overcoat when cold, a wind coat when windy, a rain coat when it rained, and for a cover at night if we got to bed, and I will say that I have gotten more comfort out of your slicker than any other one article that I ever owned."

(The name and address of the writer of this advertisement is on the inside of the collar of the slicker.)

Wet Weather Garments for Riding, Walking, Working, or Sporting.

The Sign of the Fish

A. J. TOWER CO.

BOSTON, U.S.A.

TOWER CANADIAN CO., Limited

TORONTO, CANADA

Western Canada's Magnificent Crops for 1904

Western Canada's Wheat Crop this year will be 40,000,000 bushels, and wheat at present is worth \$1.00 a bushel.

The oat and barley crop will also yield abundantly.

Splendid prices for all kinds of grain, cattle and other farm products for the growing of which the climate is unsurpassed.

About 150,000 Americans have settled in Western Canada during the past three years.

Thousands of free Homesteads of 160 acres each still available in the best agricultural districts.

It has been said that the United States will be forced to import wheat within a very few years. Secure a farm in Canada and become one of those who will help produce it.

Apply for information to SUPERINTENDENT OF IMMIGRATION, Ottawa, Canada; or to H. M. WILLIAMS, Ice Building, Toronto, Ont., Authorized Canadian Government Agent.

TO TEXAS

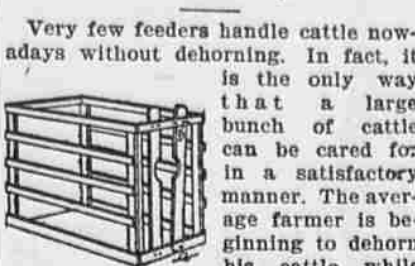
A recent visitor to Texas (an experienced traveler) said that while each state claimed to be pre-eminent in some one natural product, Texas surpassed them all in their own specialty. A trip to Texas will reveal many chances for profitable investment. The M. K. & T. R. Y. reaches all the principal cities in Texas, passing through the most highly productive portion of the state. Low rates are in effect via The Katy, from Missouri and Kansas points, on October 4th and 18th, at \$15.00 for the round trip; one way, \$10.50 from St. Louis and \$8.50 from Kansas City. For some new and interesting printed matter about Texas, address

MKT "KATY" ST. LOUIS, MO.



A DEHORNING STANCHION.

To Take the Horns from Calves Is a Task That Can Be Done Quickly and Humanely.



Very few feeders handle cattle nowadays without dehorning. In fact, it is the only way that a large bunch of cattle can be cared for in a satisfactory manner. The average farmer is beginning to dehorn his cattle while they are still calves, with stick or other caustic. No matter how vicious the steer in any herd, he becomes as a lamb when dehorned.

Cattle feeding at the rack settle down at once and feed as quietly as a flock of sheep. But few farmers are prepared to dehorn their own cattle, having the work done by men of experience and equipments prepared for the operation. Any farmer can dehorn his herd at little or no expense, saving the fee of 50 cents to one dollar per head. I have dehorned hundreds of cattle with saw and clipper without a single unfavorable result. I have a chute made with a good strong frame bolted together, made of timbers four inches square. The chute is five feet long, five and one-half feet wide, and two and one-half feet high.

At one end there is a stout stanchion fixed in the frame, in which the animal is held securely while the work of dehorning is being done. By raising a couple of latches the animal is allowed to pass out through the chute, which is left to receive the next animal. Only a few minutes is required for the operation. The knife used in dehorning must be sharp and should cut the horn clean and clear without crushing. While a saw takes a little longer, and seems more cruel, it is, nevertheless, quickly done, and without much more pain.—L. D. Holden, in N. E. Homestead.

SILAGE FOR DAIRY COWS.

Some Feeders Claim That in Many Respects It Is Superior to the Best Pasture.

There are several good points in favor of silage as a feed for dairy cows, and these should not be overlooked when the farmer is debating what kind of feed he will use. Its digestibility is increased by the fermentation it undergoes, and by some scientists this increased digestibility is placed at about 20 per cent. With silage more bulk of feed can be raised to the acre than in any other way. Nearly any kind of corn can be raised for silage, and a shorter season will bring it to the silage-making stage than to the grain-producing stage. It can be harvested in wet weather and moisture does not harm it, which is not the case with corn that is being raised for fodder. As a plant to grow it is not expensive, and our farmers all know how to harvest it. The feed that comes out of the silo is as succulent as the cow ever gets, and she will do as well on it as on the best blue-grass pasture that can be grown. Some feeders say that their cows do better on silage than on blue grass pasture. Silage can be used as a silage crop as well as a winter feeding crop. This is a great advantage when a farmer has enough to last him over winter and into the summer season. There is one thing that should not be lost sight of in regard to silage and that is that it can be carried over from one year to another and its life can be extended through a number of years. This is not true of fodder, for in the course of time it deteriorates, though it may be bright and good throughout the first winter. None of our farmers would think of keeping fodder for two or three years and feeding it to their cows. The keeping quality of silage makes it impossible to make the abundance of one year balance the deficiency in another. Silage is very convenient to use in feeding, probably more so than any other kind of rough feed. Its use makes it possible to greatly increase the stock-carrying capacity of the farm.—Farmers' Review.

Do Not Kill the Moles. A distinguished naturalist carefully examined the stomachs of 15 moles caught in different localities, but failed to discover therein the slightest vestige of plants or roots; on the contrary, they were filled by the remains of earth-worms. Not satisfied by this fact, he shut up several moles in a box containing sods of earth, on which fresh grass was growing, and a smaller cage of grubs and earth-worms. In nine days two moles devoured 349 white worms, 193 earth-worms, 25 caterpillars and a mouse (skin and bones) which had been alive in the box. He next gave them nothing but vegetables. In 24 hours two moles died of starvation. Another naturalist calculated that two moles destroyed 20,000 white worms or grubs in a single year. If this is correct, it is a strong argument in favor of multiplying, rather than destroying the moles.—St. Louis Globe Democrat.

Make the stable more comfortable for the coming winter; see that the windows are well fitted and the broken glass renewed before the frosty days come.

JAPANESE COMPOSING-ROOM

Compositor Must Needs Be an Educated Man to Handle the Characters.

Here is an interesting description of the composing-room of a Japanese newspaper. An English type-setter should thank his stars that his lines have fallen in pleasant places. For, see what his brothers in craft in the land of the rising sun have to put up with, says London Tit-Bits.

The Japanese, like the Chinese, employ a written language—a kind of literary dialect—that is considerably removed from the colloquial. They do not, as we do, write as they speak. This necessitates the papers being printed to an extent in two languages—the "Kana" and the square characters, one acting as a key to the other. The square characters are modeled on the Chinese ideographs, a terrible jumble of geometrical figures, crosses and zigzags, the whole effect presenting the appearance of the trail of innumerable inky footprints of drunken flies.

Of these ideographs, at least 4,000 to 5,000 are in everyday use. So that the compositor must needs be a scholarly man to recognize these characters at sight, the strain on the eyes being terrible. In order to facilitate the type-setter's task as much as possible, the composing-room is arranged in the following manner:

The compositor is seated at a little table, on which are spread 47 "Kana" characters. On receiving his copy he cuts it into small strips, and hands each strip to a boy. The latter marches along the room with this strip until finally he has been able to collect from a number of cases the different ideographs. Half-a-dozen boys are thus running hither and thither searching for ideographs, all the time keeping up a dirge-like chant, in which they sing the name of the character they want, as in order to recognize it he has to hear its sound first, no Japanese of the lower classes being even able to read a paper or book unless he reads it aloud.

The writer of this article recalls to mind his first night's engagement on a newspaper in Tokio. Hearing a continual babel of voices and sounds of melancholy attempts at vocalization rising upward from the room below his, he, at a loss to account for the queer noises, asked the Japanese manager whether he conducted a singing class for his compositors. He was at once informed that such was the indispensable accompaniment to a Japanese compositor's work.

When the boys have collected all their ideographs they place them before the compositor, who then has to have recourse to a pair of goggles in order to decipher the characters, fish out the corresponding types in the "Kana" character, and, finally, set up the whole in proof. These proofs, again, are sung out aloud by one proofreader to another, adding more noise to the bustle and confusion of weird sounds already reigning in the room.

Geese Out with Owner.

The unusual spectacle of a couple of perfectly white geese out for an airing with their owner is frequently seen about Medford. The birds waddle along at the man's heels, seemingly interested in all that goes on around them, but never swerving an inch to one side or the other. Frisking around this queer lot is a little terrier; but the geese do not seem in the least afraid of him. First he bounds ahead of the group, to investigate something which has aroused his curiosity. Then, as if he had just recalled an imposed duty, he trots back and takes up his position in the trail of the birds.—Boston Globe.

St. Matthew's Flower.

No saint has a more interesting flower dedicated to him in the floral calendar than St. Matthew. This is the passion flower. It is thought to have emblems of the crucifixion, and to these it owes the name given to it by its Spanish discoverers in America. The imaginary resemblance of the corona to the crown of thorns is the basis of the fancy. In addition to that there are the five anthers for the five wounds and the three styles for the nails, while the hammer, the lance and the scourge are also traceable.—Chicago Daily News.

THE MARKETS.

New York, Oct. 18, 1904.
Flour—Minnesota patent \$6.10@6.45.
Wheat—No. 2 red \$1.19.
Corn—No. 2 yellow 59½¢.
Oats—Clipped white 37@39½¢.
Hay—Dull.
Cattle—Steers \$3.75@5.75. Veals \$4.50@9.00.
Sheep—Steady at \$2.75@4.35, lambs \$5.00@6.30.
Hogs—Yorkers \$5.60.
Cleveland, Oct. 18.—Flour—Minnesota patent \$5.90@6.10.
Wheat—No. 2 red \$1.20.
Corn—No. 3 yellow 60@61¢.
Oats—No. 3 white 33¢.
Butter—Best creamery 21½¢.
Cheese—York state 11½¢.
Eggs—Strictly fresh 22¢.
Potatoes—Best grades 50@55¢.
Hay—Choice timothy \$11.50.
Cattle—Best steers \$4.75@5.25, choice calves \$7.00@7.25.
Sheep—Choice wethers \$4.00@4.25, best lambs \$4.00.
Hogs—Yorkers \$5.35.
Toledo, Oct. 18.—Wheat—Cash \$1.17½¢.
Corn—Cash 56½¢.
Oats—Cash 31½¢.
Cloverseed—Cash \$7.42½¢.
East Buffalo, Oct. 18.—Cattle—Prime steers \$5.50@5.80. Best veals \$5.00@5.25.
Sheep—Best wethers \$4.25@4.50, spring lambs \$6.00@6.10.
Hogs—Best Yorkers \$5.60, pigs \$5.20.
Pittsburg, Oct. 18.—Cattle—Choice steers \$5.40@6.00, good \$4.60@5.00.
Sheep—Prime wethers \$4.15@4.30.

WAS A NAIVE COMPLIMENT.

Musicalian Played So Well That the Congregation Wouldn't Be Dismissed.

"Reginald De Koven was touring the country with one of his operas," said a New York musician, "and a certain Sunday found him in the town of Dayton.

"They told Mr. De Koven that an Episcopal church in the neighborhood had a superb organ. Accordingly he went to that church, ascended to the organ loft, and sat beside the organist during the morning's service.

"You seem to know something about music," said the organist in a condescending way. "I'll let you dismiss the congregation if you'd like."

"Why, yes," said De Koven, "I would like that very much."

"Accordingly, at the end of the recessional, he exchanged places with the organist and began to play Mendelssohn's 'Spring Song.' He played beautifully. The Dayton people, enthralled by the wonderful music, refused to depart. They sat in rapt enjoyment, and after the 'Spring Song' was finished Mr. De Koven began Chopin's 'Funeral March.'

"Suddenly a heavy hand was laid on his shoulder and he was pushed off the music stool.

"You can't dismiss a congregation," said the organist, impatiently. "Watch and see how soon I'll get them out."

GOING TO STAY YOUNG.

Even Government Inspectors Couldn't Make Her Older Than She Looked.

A Brooklyn woman lately returned from Europe was describing to her husband who had remained at home a-r experiences with the customs inspectors who had taken her declaration in the cabin of the liner coming up the bay, relates the Brooklyn Eagle.

"When he asked me my age," she said, "I told him 30."

"But, my dear," exclaimed the husband, "you're over 30."

"I know it," she returned, "but do I look more?"

"No, you don't; that's a fact."

"Well," she concluded, triumphantly, convinced that mere man was squelched once more by the force of feminine logic, "until I look more than 30 I'm going to be 30, and I don't care for the old United States government and all its customs inspectors and declarations. They can't make me older than I look or want to be."

Long Way Round.

A new word has been introduced into the Finnish language. It is *Shnellpaardeos-zoonderspoorwegpetrolrijtuig*. The etymology is: "Shnell," rapid; "paardeos," horseless; "zeenderspoorweg," without rails; "petrolrijtuig," driven by petroleum. The whole word, as can be easily seen, means motor car.—Detroit Free Press.

Maps.

Robert Louis Stevenson, one of the most notable English writers known to the present generation, was wont to say that nothing interested him more than the perusal of a good map; and without doubt, a map that is well made and accurate catches the eye and arrests the attention of many people as few other things can do.

The men in charge of busy traffic possess a most positive appreciation of this fact and a large expenditure of time and skillful thought is made on this feature of railway publicity, so that such portions of the country as the Black Hills in South Dakota, the wonderful mountain ranges compactly rising tier upon tier throughout the central and western portion of Colorado, the rich valleys and hillsides of California, covered with vineyards, orange and almond fields, the Yosemite Park, the Yosemite, Alaska, and those regions of interlacing lakes and water courses which mark that portion of the great northwest located in upper Wisconsin, southern Minnesota and that part of Michigan known as the Upper Peninsula, have been mapped in detail and given to the public gratis, far and wide.

Said an official of the Chicago & North-Western Railway recently: "The American railway map engraver has carried his art well-nigh to the borders of perfection. I do not know of any road maps or other detailed data for the state of Wisconsin, for instance, that equal those published by our passenger department, showing the haunts of summer tourists and fishermen. They are on file in public libraries as part of their reference records. Other portions of the western country have been similarly taken up and mapped of neat, complete character made for them; in fact, the western maps are fully alive to the value of a good map in the hands of the traveler. The map publishing business of the large railway systems is today reduced to scientific principles and handled in a most systematic manner. The North-Western Line prints thousands of maps, running all the way from large wall maps of the world, down to the smallest details of sections and quarter sections of Government land open for settlement in the west, and from an atlas containing a series of maps of the seat of war in the far east to the most carefully worked out portrayal of Colorado's mountain regions, California's winter resorts, or the summering places that abound along the line throughout the west and northwest."

Worrying the Landlord.

Clarinda—You can't keep a dog in your new flat?

Florida—No, we had to give Fido away, but Fredrick has his dear little bark put in our photograph.—Cincinnati Commercial Tribune.

Can You Guess It?

Mike—An' what is it, Kehoe?

Pat—Sure, O' can't remember th' name av it, but it's that thing th' doctors cut out ov ye whether we've got it or not.—Judge.

One hotel in New York has a suite of rooms for which it charges \$125 a day, which would make an eight-hour night's sleep cost \$41.66. Wouldn't that give you insomnia?

Pico's Cure for Consumption is an infallible medicine for coughs and colds. W. Samuel, Ocean Grove, N. J., Feb. 17, 1900.

It does no good to talk about conscience to a man with a headache.—Chicago Tribune.

When

St. Jacobs Oil

The old monk cure, strong, straight, sure, tackles

Hurts, Sprains, Bruises

The muscles flex, the kinks untwist, the soreness dies out. Price 25c. and 50c.



A prominent Southern lady, Mrs. Blanchard, of Nashville, Tenn., tells how she was cured of backache, dizziness, painful and irregular periods by the use of Lydia E. Pinkham's Vegetable Compound.

"DEAR MRS. PINKHAM:—Gratitude compels me to acknowledge the great merit of your Vegetable Compound. I have suffered for four years with irregular and painful menstruation, also dizziness, pains in the back and lower limbs, and fitful sleep. I dreaded the time to come which would only mean suffering to me.

"Better health is all I wanted, and cure if possible. Lydia E. Pinkham's Vegetable Compound brought me health and happiness in a few short months. I feel like another person now. My aches and pains have left me. Life seems new and sweet to me, and everything seems pleasant and easy.

"Six bottles brought me health, and was worth more than months under the doctor's care, which really did not benefit me at all. I am satisfied there is no medicine so good for sick women as your Vegetable Compound, and I advocate it to my lady friends in need of medical help."—Mrs. B. A. BLANCHARD, 422 Broad St., Nashville, Tenn.

When women are troubled with irregular, suppressed or painful menstruation, weakness, leucorrhoea, displacement or ulceration of the womb, that bearing-down feeling, inflammation of the ovaries, backache, bloating (or flatulence), general debility, indigestion, and nervous prostration, or are beset with such symptoms as dizziness, faintness, lassitude, excitability, irritability, nervousness, sleeplessness, melancholy, "all-gone" and "want-to-be-left-alone" feelings, blues and hopelessness, they should remember there is one tried and true remedy. Lydia E. Pinkham's Vegetable Compound at once removes such troubles. Refuse to buy any other medicine, for you need the best.

A Severe Case of Womb Trouble Cured in Philadelphia.

"DEAR MRS. PINKHAM:—I have been cured of severe female troubles by the use of Lydia E. Pinkham's Vegetable Compound. I was nearly ready to give up, but seeing your advertisement I purchased one bottle of your medicine, and it did me so much good that I purchased another, and the result was so satisfactory that I bought six more bottles, and am now feeling like a new woman. I shall never be without it. I hope that my testimonial will convince women that your Vegetable Compound is the greatest medicine in the world for falling of the womb or any other female complaints."—Mrs. MAY COYR, 2600 Birch St., Philadelphia, Pa.

Remember, every woman is cordially invited to write to Mrs. Pinkham if there is anything about her symptoms she does not understand. Her address is Lynn, Mass., her advice is free and cheerfully given to every ailing woman who asks for it.

YOU CAN BUY A HOME IN MISSOURI FOR WHAT

costs you in your own State. Send for List of Bargains in Farms, Orchard, Timber and Grazing Land. The Home of the Big Red Apple, Corn, Clover and Wheat. Special Bargains in large tracts of the Pine and Oak Timber Land. Come direct or write us and save agent's commission. ARTHUR H. BOB, 4200 E. 12th St., St. Louis, Mo.

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SUCCESSFUL GOLD, SILVER, COPPER, LEAD, ZINC AND QUICKSILVER MINING Companies, if you will send us your name and address. Mining Maps Free. ARBUCKLE-GOODS COMMISSION CO., 325 Olive St., St. Louis, Mo.

DO YOU COUGH DON'T DELAY TAKE KEMP'S BALSAM THE BEST COUGH CURE

It Cures Colds, Coughs, Sore Throat, Croup, Influenza, Whooping Cough, Bronchitis and Asthma. A certain cure for Consumption in first stages, and a sure relief in advanced stages. Use at once. You will see the excellent effect after taking the first dose. Sold by dealers everywhere. Large bottles 50 cents and 50 cents.

TELEPHONES FOR FARMERS' LINES And Village Exchanges. Build your own lines—Inexpensive and simple. Book of Instructions FREE. CN 300. THE NORTH ELECTRIC CO. 145 ST. CLAIR ST., CLEVELAND, OHIO.

PICO'S CURE FOR CONSUMPTION is an infallible medicine for coughs and colds. W. Samuel, Ocean Grove, N. J., Feb. 17, 1900.

It does no good to talk about conscience to a man with a headache.—Chicago Tribune.

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